

Appl. No. 10/803,081  
In re Kato et al.  
Reply to Office Action of Aug. 23, 2005

**AMENDMENT TO THE CLAIMS**

1. (original) An exhaust heat recovery system for recovering heat otherwise dissipated in a condenser of a steam turbine facility, to obtain warm water,  
wherein a heat channel of a compression type heat pump is connected with a cooling medium side channel of the condenser, the compression type heat pump directly recovering the heat from the steam turbine facility.
2. (currently amended) An exhaust heat recovery system [according to claim 1,] for recovering heat otherwise dissipated in a condenser of a steam turbine facility, to obtain warm water,  
wherein a heat channel of a compression type heat pump is connected with a cooling medium side channel of the condenser, the compression type heat pump directly recovering the heat from the steam turbine facility,  
wherein carbon dioxide is used as a refrigerant for the compression type heat pump.
3. (original) An exhaust heat recovery system according to claim 1, wherein when heat exchange proceeds in the condenser between steam led from a steam turbine and a refrigerant in the compression type heat pump, a heat transfer mechanism provided at a refrigerant side utilizes boiling heat transfer.

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4. (original) An exhaust heat recovery system according to claim 2, wherein when heat exchange proceeds in the condenser between steam led from a steam turbine and a refrigerant in the compression type heat pump, a heat transfer mechanism provided at a refrigerant side utilizes boiling heat transfer.